

Current Genetics

**Eukaryotes with Emphasis on
Yeasts · Fungi · Protists · Cell Organelles**

Volume 17, 1990

Managing Editor

F. Kaudewitz, München

Regional Editor for the Americas

C. W. Birky, Jr., Columbus, Ohio

Editorial Board

G. Attardi, Pasadena, CA
J. D. Beggs, Edinburgh
H. Bertrand, Guelph
M. Ciriacy, Düsseldorf
B. S. Cox, Oxford
M. S. Esposito, Berkeley, CA
K. Esser, Bochum
L. A. Grivell, Amsterdam
R. H. Haynes, Toronto
A. Hinnen, Basel
C. P. Hollenberg, Düsseldorf
H. Kössel, Freiburg
C. J. Leaver, Oxford

R. W. Lee, Halifax
C. S. Levings III, Raleigh, NC
J.-D. Rochaix, Geneva
R. J. Rothstein, New York
R. J. Schweyen, Wien
B. B. Sears, East Lansing, MI
G. Simchen, Jerusalem
P. P. Slonimski, Gif-sur-Yvette
K. P. VanWinkle-Swift, Flagstaff, AZ
K. Wolf, Mainz
R. Wolstenholme, Salt Lake City, UT
M. Yanagida, Kyoto
F. K. Zimmermann, Darmstadt



Springer International

Current Genetics

Founded in 1979 by F. Kaudewitz

Copyright

Submission of a manuscript implies: that the work described has not been published before (except in the form of an abstract or as part of a published lecture, review, or thesis); that it is not under consideration for publication elsewhere; that its publication has been approved by all coauthors, if any, as well as by the responsible authorities at the institute where the work has been carried out; that, if and when the manuscript is accepted for publication, the authors agree to automatic transfer of the copyright to the publisher; and that the manuscript will not be published elsewhere in any language without the consent of the copyright holders.

All articles published in this journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article (e.g., as offprints), as well as all translation rights. No material published in this journal may be reproduced photographically or stored on microfilm, in electronic data bases, video disks, etc., without first obtaining written permission from the publisher.

The use of general descriptive names, trade names, trademarks, etc., in this publication, even if not specifically identified, does not imply that these names are not protected by the relevant laws and regulations.

While the advice and information in this journal is believed to be true and accurate at the date of its going to press, neither the authors, the editors, nor the publisher can accept any legal responsibility for any errors or omissions that may be made. The publisher makes no warranty, express or implied, with respect to the material contained herein.

Special regulations for photocopies in the USA: Photocopies may be made for personal or in-house use beyond the limitations stipulated under Section 107 or 108 of U.S. Copyright Law, provided a fee is paid. This fee is US \$ 0.20 per page, or a minimum of US \$ 1.00 if an article contains fewer than five pages. All fees should be paid to the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, USA, stating the ISSN 0172-8083, the volume, and the first and last page numbers of each article copied. The copyright owner's consent does not include copying for general distribution, promotion, new works, or resale. In these cases, specific written permission must first be obtained from the publisher.

Printers: Konrad Tritsch, Druck- und Verlagsanstalt Würzburg GmbH, D-8700 Würzburg

© Springer-Verlag Berlin Heidelberg 1990
Springer-Verlag GmbH & Co. KG, D-1000 Berlin 33
Printed in Germany

Contents of volume 17 1990

- No 1: pp 1–88 published February 9, 1990
 No 2: pp 89–184 published March 15, 1990
 No 3: pp 185–274 published March 30, 1990
 No 4: pp 275–366 published April 30, 1990
 No 5: pp 367–458 published May 17, 1990
 No 6: pp 459–548 published June 29, 1990

Aigle M → Dupont CH
 Aitchison JD, Rachubinski RA: In vivo import of *Candida tropicalis* hydrolase-dehydrogenase-epimerase into peroxisomes of *Candida albicans* 481
 Alexander NJ: Characterization of a respiratory-deficient mutant of *Pachysolen tannophilus* 493
 Alfen NK Van → Churchill ACL
 Alic M, Clark EK, Kornegay JR, Gold MH: Transformation of *Phanerochaete chrysosporium* and *Neurospora crassa* with adenine biosynthetic genes from *Schizophyllum commune* 305
 Armaido D, Ye G-N, Klein TM, Shark KB, Sanford JC, Johnston SA: Biostatic nuclear transformation of *Saccharomyces cerevisiae* and other fungi 97

Babudri N, Morpurgo G: p-fluoro-phenylalanine resistance in *Aspergillus nidulans* diploid cells: evidence that dominant, lethal mutations are involved 519
 Ballesta JPG → Remacha M
 Bang AG → Gurniak CB
 Barnett CC → Korman DR
 Barton R → Griffiths AJF
 Bayer MG, Maier TL, Gebhart UB, Schenk HEA: Cyanellar Ferredoxin-NADP⁺-oxidoreductase of *Cyanophora paradoxa* is encoded by the nuclear genome and synthesized on cytoplasmatic 80S ribosomes 265
 Bayliss FT → Korman DR
 Beauvoit B → Dupont CH
 Beckerich J-M → He F
 Beckmann RJ → Cantwell CA
 Begueret J → Turcq B
 Bendich AJ, Smith SB: Moving pictures and pulsed-field gel electrophoresis show linear DNA molecules from chloroplasts and mitochondria 421
 Bennett DC → Chen L-J
 Berends Sexton T, Jones JT, Mullet JE: Sequence and transcriptional analysis of the barley cDNA region upstream of *psbD-psbC* encoding *trnK(UUU)*, *rps16*, *trnQ(UUG)*, *psbK*, *psbI*, and *trnS(GCU)* 445
 Berka RM → Korman DR
 Bertrand H → Griffiths AJF
 Bertrand H → Vierula PJ
 Bevan EA → Patel D
 Bhairi S → Goettel MS
 Binder S, Schuster W, Grienberger JM, Weil JH, Brennicke A: Genes for tRNA^{Gly}, tRNA^{His}, tRNA^{Lys}, tRNA^{Phe}, tRNA^{Ser} and tRNA^{Tyr} 353
 Boer PH → Lee RW

Boulet A, Levra-Juillet E, Perea J, Faye G: The absence of introns in yeast mitochondria does not abolish mitochondrial recombination 537
 Brennicke A → Binder S
 Brown GG → Monroy AF
 Brown JT → Esposito MS
 Brygaa Y → Langin T
 Buchko J → Klassen GR
 Burmester A, Wöstemeyer A, Wöstemeyer J: Integrative transformation of a zygomycete, *Absidia glauca*, with vectors containing repetitive DNA 155
 Burrows DM, Elliott TJ, Casselton LA: DNA-mediated transformation of the secondarily homothallic basidiomycete *Coprinus bilanatus* 175
 Cantatore P, Roberti M, Loguerio Polosa P, Mustich A, Gadaleta MN: Mapping and characterization of *Paracentrotus lividus* mitochondrial transcripts: multiple and overlapping transcription units 235
 Cantwell CA, Beckmann RJ, Dotzlauf JE, Fisher DL, Skatrud PL, Yeh Wu-Kuang, Queen SW: Cloning and expression of a hybrid *Streptomyces clavuligerus cefE* gene in *Penicillium chrysogenum* 213
 Caravalaj E → Mattoon JR
 Carmona CL → Korman DR
 Casselton LA → Burrows DM
 Chen L-J, Rogers SA, Bennett DC, Hu M-C, Orozco EM Jr: An *in vitro* transcription termination system to analyze chloroplast promoters: identification of multiple promoters for the spinach *atpB* gene 55
 Chen L-J → Orozco EM Jr
 Cheng CK → Vierula PJ
 Churchill ACL, Ciuffetti LM, Hansen DR, Etten HD Van, Alfen NK Van: Transformation of the fungal pathogen *Cryphonectria parasitica* with a variety of heterologous plasmids 25
 Ciuffetti LM → Churchill ACL
 Clark EK → Alic M
 Coleman AW → Corriveau JL
 Colthurst DR → Santos M
 Corriveau JL, Coleman AW: Plastid inheritance in *Oenothera*: paternal input may influence transmission patterns 327
 Corriveau JL, Goff LJ, Coleman AW: Plastid DNA is not detectable in the male gametes and pollen tubes of an angiosperm (*Antirrhinum majus*) that is maternal for plastid inheritance 439
 Coulthart MB, Huh GS, Gray MW: Physical organization of the 18S and 5S ribosomal RNA genes in the mitochondrial genome of rye (*Secale cereale* L.) 339
 Court DA → Griffiths AJF
 Court DA → Vierula PJ
 Cummings DJ, McNally KL, Domenico JM, Matsuura ET: The complete DNA sequence of the mitochondrial genome of *Podospora anserina* 375
 Curran BPG → Piper PW

Daboussi MJ → Langin T
 Del Giudice L → Massardo DR
 Delcher E → Jubier M-F
 Denayrolles M → Turcq B
 Desjardins P, Ramirez V, Morais R: Gene organization of the Peking duck mitochondrial genome 515
 Didion T, Roggenkamp R: Deficiency of peroxisome assembly in a mutant of the methylotrophic yeast *Hansenula polymorpha* 113
 Domdey H → Thompson-Jäger S
 Domenico JM → Cummings DJ
 Domon C → Gualberto JM
 Dorsman JC, Grivell LA: Expression of the gene encoding subunit II of yeast QH2: cytochrome c oxidoreductase is regulated by multiple factors 459
 Dotzlauf JE → Cantwell CA
 Dupont CH, Rigoulet M, Aigle M, Guérin B: Isolation and genetic study of Triethyltin-resistant mutants of *Saccharomyces cerevisiae* 465
 Dupont CH, Rigoulet M, Beauvoit B, Guérin B: Mitochondrial modifications in a single nuclear mutant of *Saccharomyces cerevisiae* affected in cAMP-dependent protein phosphorylation 507

Edenhardt E → Schweingruber ME
 Eilers RJ → Orozco EM Jr
 Ellingboe A → Leung H
 Elliott TJ → Burrows DM
 Esposito MS, Brown JT: Conditional hyperrecombination mutants of three REC genes of *Saccharomyces cerevisiae* 7
 Esser K → Meinhardt F
 Etten HD Van → Churchill ACL
 Evans IH → Patel D

Faye G → Boulet A
 Fisher DL → Cantwell CA

Gadaleta MN → Cantatore P
 Gaillardin C → He F
 Gao C → Monroy AF
 Gebhart UB → Bayer MG
 Gerlinger C → Langin T
 Glover LA → McCurrach KJ
 Goettel MS, Leger RJS, Bhairi S, Jung MK, Oakley BR, Roberts DW, Staples RC: Pathogenicity and growth of *Metarhizium anisopliae* stably transformed to benomyl resistance 129
 Goff LJ → Corriveau JL
 Gold MH → Alic M
 Goldman GH, Montagu M Van, Herrera-Estrella A: Transformation of *Trichoderma harzianum* by high-voltage electric pulse 169

- Gozalbo D, Hohmann S: Nonsense suppressors partially revert the decrease of the mRNA level of a nonsense mutant allele in yeast 77
- Gray MW → Coulthart MB
- Grienberger J-M → Binder S
- Grienberger J-M → Gualberto JM
- Griffiths AJF, Kraus SR, Barton R, Court DA, Myers CJ, Bertrand H: Heterokaryotic transmission of senescence plasmid DNA in *Neurospora* 139
- Grivell LA → Dorsman JC
- Gualberto JM, Domon C, Weil J-H, Grienberger J-M: Structure and transcription of the gene coding for subunit 3 of cytochrome oxidase in wheat mitochondria 41
- Guérin B → Dupont CH
- Gurniak CB, Bang AG, Noegel AA: Transcript and sequence analysis of a 5.1 kb contiguous fragment of *Dictyostelium discoideum* plasmid Ddp1 that contains the origin of replication and codes for several transcripts 321
- Guthrie D → Mattoon JR
- Gwyn Jones I, Sealy-Lewis HM: Chromosomal mapping of an *alcC* disruption with respect to *amda* in *Aspergillus nidulans* 547
- Hachtel W → Siemeister G
- Hansen DR → Churchill ACL
- Hardman N → McCurrach KJ
- Hartmann C → Jubier M-F
- Hasebe M, Iwatsuki K: Chloroplast DNA from *Adiantum capillus-veneris* L., a fern species (Adiantaceae); clone bank, physical map and unusual gene localization in comparison with angiosperm chloroplast DNA 359
- Hashimoto T → Suzuki K
- He F, Yaver D, Beckerich J-M, Ogrydziak D, Gaillardin C: The yeast *Yarrowia lipolytica* has two, functional, signal recognition particle 7S RNA genes 289
- Heberle-Borsig E → Hirt H
- Heim L: Construction of an *h⁺* strain of *Schizosaccharomyces pombe* 13
- Herrera-Estrella A → Goldman GH
- Hirt H, Kögl M, Murbacher T, Heberle-Borsig E: Evolutionary conservation of transcriptional machinery between yeast and plants as shown by the efficient expression from the CaMV 35S promoter and 35S terminator 473
- Hohmann S → Gozalbo D
- Hu M-C → Chen L-J
- Hubert J-C → Montigny J de
- Hudspeth MES → Shumard-Hudspeth DS
- Huh GS → Coulthart MB
- Humphrey RW → Vierula PJ
- Iwatsuki K → Hasebe M
- Jacobs M → Wnendt S
- Jefferson RA → Schmitz UK
- Ji GE, Orlowski M: Primary and secondary structure of the 25S rRNA from the dimorphic fungus *Mucor racemosus* 499
- Johnson EM, Sears BB: Structure and expression of cytochrome f in an *Oenothera* plastome mutant 529
- Johnston SA → Armaleo D
- Jones EP, Mahendran R, Spottswood MR, Yang Ying-Chuan, Miller DL: Mitochondrial DNA of *Physarum polycephalum*: Physical mapping, cloning and transcription mapping 331
- Jones IG, Sealy-Lewis HM: Chromosomal mapping of an *alcC* disruption with respect to *amda* in *Aspergillus nidulans* 81
- Jones JT → Berends Sexton T
- Jubier M-F, Lucas H, Delcher E, Hartmann C, Quétier F, Lejeune B: An internal part of the chloroplast atpA gene sequence is present in the mitochondrial genome of *Triticum aestivum*: molecular organisation and evolutionary aspects 523
- Jung MK → Goettel MS
- Kämper J → Meinhardt F
- Karaer S → Oraler G
- Karjalainen R → Leung H
- Kempken F → Meinhardt F
- Kern L → Montigny J de
- Khan MA → Rasool SA
- Kim WK, Whitmore E, Klassen GR: Homologous linear plasmids in mitochondria of three species of wheat bunt fungi, *Tilletia caries*, *T. laevis* and *T. controversa* 229
- Klassen GR, Buchko J: Subrepeat structure of the intergenic region in the ribosomal DNA of the oomycetous fungus *Pythium ultimum* 125
- Klassen GR → Kim WK
- Klein TM → Armaleo D
- Kodama KH → Korman DR
- Kögl M → Hirt H
- Korman DR, Bayliss FT, Barnett CC, Carmona CL, Kodama KH, Royer TJ, Thompson SA, Ward M, Wilson LJ, Berka RM: Cloning, characterization, and expression of two α -amylase genes from *Aspergillus niger* var. *awamori* 203
- Kornegay JR → Alic M
- Kraus SR → Griffiths AJF
- Kück U → Wolff G
- Lacroute F → Montigny J de
- Langille B → Lee RW
- Langin T, Daboussi MJ, Gerlinger C, Brygoo Y: Influence of biological parameters and gene transfer technique on transformation of *Fusarium oxysporum* 313
- Lee RW, Langille B, Lemieux C, Boer PH: Inheritance of mitochondrial and chloroplast genome markers in backcrosses of *Chlamydomonas eugametos* \times *Chlamydomonas moewusii* hybrids 73
- Leger RJS → Goettel MS
- Lehtinen U → Leung H
- Lejeune B → Jubier M-F
- Lemieux C → Lee RW
- Leong S → Leung H
- Leung H, Lehtinen U, Karjalainen R, Skinner D, Tooley P, Leong S, Ellingboe A: Transformation of the rice blast fungus *Magnaporthe grisea* to hygromycin B resistance 409
- Levra-Juillet E → Boulet A
- Loguercio Polosa P → Cantatore P
- Lonsdale DM → Schmitz UK
- Lucas H → Jubier M-F
- Macfarlane JL, Wahleithner JA, Wolstenholme DR: A gene for cytochrome c oxidase subunit III (COXIII) in broad bean mitochondrial DNA: structural features and sequence evolution 33
- Mahendran R → Jones EP
- Maid U, Valentini K, Zetsche K: The *psbA*-gene from a red alga resembles those from Cyanobacteria and Cyanophytes 255
- Maier TL → Bayer MG
- Manna F → Massardo DR
- Marin I → Remacha M
- Martinez JP → McDonald BA
- Massardo DR, Manna F, Del Giudice L, Wolf K: Interactions between the yeast mitochondrial and nuclear genomes: isogenic suppressive and hypersuppressive petites differ in their resistance to the alkaloid lycorine 455
- Matsuura ET → Cummings DJ
- Mattoon JR, Caravajal E, Guthrie D: Effects of *hap* mutations on heme and cytochrome formation in yeast 179
- Mattoon JR → Schauer WE
- McCurrach KJ, Rothnie HM, Hardman N, Glover LA: Identification of a second retrotransposon-related element in the genome of *Physarum polycephalum* 403
- McDonald BA, Martinez JP: Restriction fragment length polymorphisms in *Septoria tritici* occur at a high frequency 133
- McLaughlin CS → Santos M
- McNally KL → Cummings DJ
- Meinhardt F, Kempken F, Kämper J, Escher K: Linear plasmids among eukaryotes: fundamentals 89
- Mets LJ → Roitgrund C
- Miller DL → Jones EP
- Mirza A → Rasool SA
- Monroy AF, Gao C, Zhang M, Brown GG: Double-stranded RNA molecules in *Brassica* are inherited biparentally and appear not to be associated with mitochondria 427
- Montagu M Van → Goldman GH
- Montigny J de, Kern L, Hubert J-C, Lacroute F: Cloning and sequencing of *URA10*, a second gene encoding orotate phosphoribosyl transferase in *Saccharomyces cerevisiae* 105
- Morais R → Desjardins P
- Morpurgo G → Babudri N
- Mosrin C, Thuriaux P: The genetics of RNA polymerases in yeasts 367
- Mullet JE → Berends Sexton T
- Murbacher T → Hirt H
- Mustich A → Cantatore P
- Myers CJ → Griffiths AJF
- Nardelli M → Sbisa E
- Noegel AA → Gurniak CB

- Oakley BR → Goettel MS
 Ogrzydziak D → He F
 Olgun A → Oraler G
 Oraler G, Olgun A, Karaer S: An addition to the chromosome map of *Schizosaccharomyces pombe*: the localization of *gua* genes 543
 Orłowski M → Ji GE
 Orozco EM Jr, Chen L-J, Eilers RJ: The divergently transcribed *rbcL* and *atpB* genes of tobacco plastid DNA are separated by nineteen base pairs 65
 Orozco EM Jr → Chen L-J
 Otaka E → Suzuki K
 Patel D, Evans IH, Bevan EA: A genetic analysis of glucoamylase activity in the diastatic yeast *Saccharomyces cerevisiae* NCYC 625 281
 Payton MA, Tiani M de: The isolation of osmotic-remedial conditional lethal mutants of *Candida albicans* 293
 Peñalva MA → Vian A
 Perea J → Boulet A
 Piper PW, Curran BPG: When a glycolytic gene on a yeast 2 μ ORI-STB plasmid is made essential for growth its expression level is a major determinant of plasmid copy number 119
 Queener SW → Cantwell CA
 Quétier F → Jubier M-F
 Rachubinski RA → Aitchison JD
 Ramirez L → Remacha M
 Ramirez V → Desjardins P
 Rasool SA, Mirza A, Khan MA: Nitroso guanidine-induced adaptive repair in *Pseudomonas aeruginosa* 417
 Remacha M, Ramirez L, Marin I, Ballesta JPG: Chromosome location of a family of genes encoding different acidic ribosomal proteins in *Saccharomyces cerevisiae* 535
 Rigoulet M → Dupont CH
 Roberti M → Cantatore P
 Roberts DW → Goettel MS
 Rogers SA → Chen L-J
 Roggenkamp R → Didion T
 Roitgrund C, Mets LJ: Localization of two novel chloroplast genome functions: trans-splicing of RNA and protochlorophyll reduction 147
 Rothnie HM → McCurrach KJ
 Royer TJ → Korman DR
 Ruttikay-Nedecký B, Šubík J: The *OGD1* gene, affecting 2-oxoglutarate dehydrogenase in *S. cerevisiae*, is closely linked to *HIS5* on chromosome IX 85
 Saccone C → Sbisa E
 Sanford JC → Armaleo D
 Santos M, Colthurst DR, Wills N, McLaughlin CS, Tuite MF: Efficient translation of the UAG termination codon in *Candida* species 487
 Sbisa E, Nardelli M, Tanzariello F, Tullo A, Saccone C: The complete and symmetric transcription of the main non coding region of rat mitochondrial genome: in vivo mapping of heavy and light transcripts 247
 Schauer WE, Mattoon JR: Heterologous expression of human 5-aminolevulinate dehydratase in *Saccharomyces cerevisiae* 1
 Schenk HEA → Bayer MG
 Schmitz UK, Lonsdale DM, Jefferson RA: Application of the β-glucuronidase gene fusion system to *Saccharomyces cerevisiae* 261
 Schuster W → Binder S
 Schweingruber ME, Edenthaler E: Thiamin regulates agglutination and zygote formation in *Schizosaccharomyces pombe* 191
 Sealy-Lewis HM → Gwyn Jones I
 Sealy-Lewis HM → Jones IG
 Sears BB → Johnson EM
 Shark KB → Armaleo D
 Shumard-Hudspeth DS, Hudspeth MES: Genic rearrangements in *Phytophthora* mitochondrial DNA 413
 Siemeister G, Hachtel W: Organization and nucleotide sequence of ribosomal RNA genes on a circular 73 kbp DNA from the colourless flagellate *Astasia longa* 433
 Skatrud PL → Cantwell CA
 Skinner D → Leung H
 Smith SB → Bendich AJ
 Spottwood MR → Jones EP
 Spreitzer RJ → Zhang D
 Stahl U → Wnendt S
 Staples RC → Goettel MS
 Šubík J → Ruttikay-Nedecký
 Suzuki K, Hashimoto T, Otaka E: Yeast ribosomal proteins: XI. Molecular analysis of two genes encoding YL41, an extremely small and basic ribosomal protein, from *Saccharomyces cerevisiae* 185
 Tanzariello F → Sbisa E
 Teepe H → Wöstemeyer A
 Thomas DY → Vierula PJ
 Thompson SA → Korman DR
 Thompson-Jäger S, Domdey H: The intron of the yeast actin gene contains the promoter for an antisense RNA 269
 Thuriaux P → Mosrin C
 Tiani M de → Payton MA
 Tooley P → Leung H
 Tuite MF → Santos M
 Tullo A → Sbisa E
 Turcq B, Denayrolles M, Begueret J: Isolation of the two allelic incompatibility genes *s* and *S* of the fungus *Podospora anserina* 297
 Valentin K → Maid U
 Vian A, Peñalva MA: Cloning of the *PYR4* gene encoding orotidine-5'-phosphate decarboxylase in *Cephalosporium acremonium* 223
 Vierula PJ, Cheng CK, Court DA, Humphrey RW, Thomas DY, Bertrand H: The *kalilo* senescence plasmid of *Neurospora intermedia* has covalently-linked 5' terminal proteins 195
 Wahleithner JA → Macfarlane JL
 Ward M → Korman DR
 Weil J-H → Gualberto JM
 Weil JH → Binder S
 Whitmore E → Kim WK
 Wills N → Santos M
 Wilson LJ → Korman DR
 Wnendt S, Jacobs M, Stahl U: Transformation of *Aspergillus giganteus* to hygromycin B resistance 21
 Wöstemeyer A, Teepe H, Wöstemeyer J: Genetic interaction in somatic inter-mating type hybrids of the zygomycete *Abidia glauca* 163
 Wöstemeyer A → Burmester A
 Wöstemeyer J → Burmester A
 Wöstemeyer J → Wöstemeyer A
 Wolf K → Massardo DR
 Wolff G, Kück U: The structural analysis of the mitochondrial SSUrRNA implies a close phylogenetic relationship between mitochondria from plants and from the heterotrophic alga *Prototheca wickerhamii* 347
 Wolstenholme DR → Macfarlane JL
 Yang Ying-Chuan → Jones EP
 Yaver D → He F
 Ye G-N → Armaleo D
 Yeh Wu-Kuang → Cantwell CA
 Zaborowska D, Žuk J: The effect of DNA replication on mutation of the *Saccharomyces cerevisiae* *CDC8* gene 275
 Zetsche K → Maid U
 Zhang D, Spreitzer RJ: Evidence for information suppression within the chloroplast of *Chlamydomonas reinhardtii* 49
 Zhang M → Monroy AF
 Žuk J → Zaborowska D

Erratum 365, 547